

**Correctional Institutions Roof Repairs and Siding
Replacement**

FY2003 Request: \$1,000,000
Reference No: 35773

AP/AL: Appropriation

Project Type: Construction

Category: Public Protection

Location: Statewide

Contact: Dwayne B. Peeples

Election District: Statewide

Contact Phone: (907)465-3339

Estimated Project Dates: 07/01/2002 - 06/30/2007

Brief Summary and Statement of Need:

This project funds the review, repair, and replacement of building roofs and siding at Wildwood and Spring Creek Correctional Centers.

Funding:

	FY2003	FY2004	FY2005	FY2006	FY2007	FY2008	Total
Gen Fund	\$1,000,000						\$1,000,000
Total:	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000

<input type="checkbox"/> State Match Required	<input checked="" type="checkbox"/> One-Time Project	<input type="checkbox"/> Phased Project	<input type="checkbox"/> On-Going Project
0% = Minimum State Match % Required		<input type="checkbox"/> Amendment	<input type="checkbox"/> Mental Health Bill

Operating & Maintenance Costs:

	<u>Amount</u>	<u>Staff</u>
Total Operating Impact:	0	0
One-Time Startup Costs:	0	
Additional Estimated Annual O&M:	0	0

Prior Funding History / Additional Information:

Chapter 61 SLA 2001 Page 10 Line 21-22 \$400,000.00.

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Project funds will be applied to the repairs and/or replacement of leaking facility roofs and siding at the following :

1. Wildwood Correctional Center \$500.0

The buildings at Wildwood Correctional Center were constructed in the mid-1950's. With one exception, all had been built-up, tar paper and asphalt roofs. Five buildings have had their roofs replaced. The roofs on seven additional buildings (buildings 1,5,7,8,10, 14,and 15) will be replaced.

2. Spring Creek Correctional Center \$500.0

The large snow build up around the Spring Creek Correctional Center buildings has damaged the exterior walls of the correctional facility. The wall covering needs to be immediately replaced to protect the walls structures from being compromised further by water and moisture. This funding will enable the facility to replace the outside sheeting of the exterior walls and correct the damage already there.

Additionally, the following facility roofs require repair or replacement to correct severe leakage problems. These roofs and walls can no longer be maintained with normal in-house techniques. They need major repair or replacment so that they do not jeopardize the security systems and safe functioning of the facilities. Deferral will cause further damage to the building structures and will increase the ultimate repair costs. Funding to address these needs will be requested on future Department of Corrections capital requests.

The flat roof portions of both facilities require major repairs. These roofs do not drain well,which contributes to a severe leakage problem. Replacement of the surfacing withnew material and building a slight slope to the roofs will provide better drainage and increase the serviceyears of these roofs. Both facilities will also require extensive repair to gutters,flashing, and shingles. If this work is not accomplished this year, the existing damage will spread andgreatly increase the costs of repairing these roofs.

. Hiland Mountain/Meadow Creek Correctional Center \$2,500.0

The flat foof portions of both facilities require major repairs. There roofs do not drain well, which contributes to a severe leakage problem. Replacement of the surfacing with new material and building a slight slope to the foofs will provide better drainage and increase the service years of these roofs. Both facilities will also require extensive repair to gutters, flashing, and shingles. IF this work is not accomplished this year , the existing damage will spread and greatly increase the costs of repairing these roofs. The roofs on both facilities are built "California Style" with only about 1 foot overhangs which contribute heavily to water run off damaging the siding on buildings. This project will replace the Siding on buildings that have been damaged beyond repair.

. Cook Inlet Correctional Center \$800.0

The flat roof portions of the facility requires repair and/or replacement. The extreme weather winter conditions have taken their toll of the flat roofs at the Cook Inlet Correction Center. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contibutes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. Repairs will involve tearing up the old membranes covering the flat roofs and replacing them with new ones rather than tarring over the new membrances. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair.

5. Yukon-Kuskokwim Correctional Center \$850.0

The Yukon-Kuskokwim Correctional Center opened in October 1984 and has as a combined square footage of 25,320. The roof systems on this facility are in need of repairs due to the severe winter weather of the Yukon Delta region of Western Alaska. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contibutes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. Repairs will involve tearing up the old membranes covering the flat roofs and replacing them with new ones rather than tarring

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over the new membranes. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair. Funding is required to do a thorough analysis of the entire roofing system and to repair and/or replace the roof.

. Fairbanks Correctional Center \$1,000.0

The Fairbanks Correctional Center opened in 1965 and has a combined square footage of 88,650. The roof systems on this facility are in need of repairs due to the severe winter weather in the Fairbanks area. Multiple leaks have occurred throughout the main facility and over inmate living and working areas. These roofs do not drain well, which contributes heavily to leakage. Replacement of the surfacing with new material will correct the problem and add many years of service to the roofing. If the repairs are not done, the damage will spread, greatly increasing the eventual cost of repair. Funding is required to do a thorough analysis of the entire roofing system and to repair and/or replace the roof.

These roofs and walls can no longer be maintained with normal in-house techniques. They need major repair and/or replacement so that they do not jeopardize the security systems and safe functioning of the facilities. Deferral will cause further damage to the building structures and will increase the ultimate repair costs.